

ABSTRACT OF THE INVENTION

A method is provided for simulating and/or demonstrating and/or enhancing photoactive properties, such as hydrophilicity, of a surface, such as a photoactive surface. One embodiment includes providing a photoactive surface and applying a peroxide-containing material, such as an aqueous hydrogen peroxide solution, over at least a portion of the surface. An optional resinous layer, such as an at least partly hydrolyzed polymethoxysiloxane layer, can be applied over the surface. A kit to practice the method and an article made using the method are also provided.